



Department of Commerce

Safety & Buildings Division

201 West Washington Avenue

P.O. Box 2658

Madison, WI 53701-2658

Evaluation # 200205-H

Wisconsin Building Products Evaluation

Material

Package Cooling and Cooling/Dehumidification
Makeup Air System

Manufacturer

Reznor, A Unit
Of Thomas & Betts
150 McKinley Avenue
Mercer, PA 16136

SCOPE OF EVALUATION

The package cooling and cooling/dehumidification, makeup air units, manufactured by Reznor, A Unit of Thomas & Betts, were evaluated for use as indirect gas-fired heating/cooling equipment in conformance with **ss. Comm 64.21, Table 64.21** and **64.22** under the current Wisconsin Administrative Building And Heating, Ventilating And Air Conditioning Code.

DESCRIPTION AND USE

The package cooling cooling/dehumidification, makeup air units: **Trade Name:** AHCA/AHDA
Model Number: AHCA 30, 40, 55, 70
AHDA 30, 40, 55, 70

The units covered by this evaluation are package cooling and cooling/dehumidification makeup air equipment. This equipment provide conditioned makeup air that will either function to satisfy space requirements or provide tempered air that will not add the load to existing equipment. The AHCA Series is designed to provide an average cooling supply air temperature of 55° F. The AHDA Series is a cooling/dehumidification system include a full condenser reheat

and are capable of conditioning 100 % outside air to nominal 70° - 75° F with 50 % relative humidity. The AHDA offers all the features of the AHCA but, also includes a package dehumidifier as an extra stage dehumidification and pre-engineered reheat. All models can come with an optional listed gas furnace section.

TESTS AND RESULTS

The AHCA/ AHDA Series package cooling and cooling/dehumidification makeup air equipment was tested in accordance with the requirements of UL 1995, the Standard for Heating and Cooling Equipment, by Intertek Testing Services NA Inc., and are listed by ETL.

LIMITATIONS OF APPROVAL

The approval number, model number, Btu input, etc., shall be shown on plans submitted for approval. The units are permitted for installation where vented indirect gas-fired makeup air units are allowed, and shall be installed in accordance with the manufacturer's instructions, and either s. **Comm 64.21** or **64.22(4)**.

This approval will be valid through December 31, 2006, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Building Product Evaluation number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Revision Date:

Approval Date: January 29, 2002

By: _____

Lee E. Finley, Jr.
Product & Material Review
Integrated Services Bureau